

23. A method according to claim 17 wherein the membrane is formed from ethylene vinyl acetate copolymer.

24. A method according to claim 23 wherein the membrane comprises 4-18% vinyl acetate.

25. A method according to claim 24 wherein the membrane comprises 5-12% vinyl acetate.

26. A method according to claim 24 wherein the predetermined temperature is about 52 - 72° C and the period of time is about 2 - 36 hours

27. A method according to claim 17 wherein the membrane is formed from high density polyethylene.

28. A method according to claim 17 wherein the membrane is allowed to set at ambient conditions for a period of at least about 12 hours after processing prior to exposing the membrane to said predetermined temperature.

29. A method according to claim 28 wherein the membrane is allowed to set at ambient conditions for a period of at least 48 hours after processing prior to exposing the membrane to said predetermined temperature.

30. A method according to claim 17 wherein the membrane comprises polyurethane.

31. A method according to claim 30 wherein the predetermined temperature is about 55 - 75° C and the period of time is about 12 - 48 hours

32. A method according to claim 31 wherein the membrane is positioned in sealing relationship with an internal surface of one end of an impermeable reservoir of a fluid-imbibing drug delivery device, wherein said fluid imbibing drug delivery device comprises an impermeable reservoir containing a piston that divides the reservoir into an active agent containing chamber and a water-swellable agent containing chamber, wherein the water-swellable agent containing chamber is provided with an outlet which accommodates said membrane.

33. A method according to claim 32 wherein the membrane is plug-shaped.

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